

## **Grade 8 Academic Standards**

### **Unit 1 Lesson**

#### **Science**

##### Standard 2 Scientific Thinking

###### Communication

8.2.7 Participate in group discussions on scientific topics by restating or summarizing accurately what other have said, asking for clarification or elaboration, and expressing alternative positions.

##### Standard 3 The Physical Setting

###### The Earth and the Processes that Shape It

8.3.6 Understand and explain that the benefits of the Earth's resources, such as fresh water, air, soil, and trees, are finite and can be reduced by using them wastefully or by deliberately or accidentally destroying them.

8.3.7 Explain that the atmosphere and the oceans have a limited capacity to absorb wastes and recycle materials naturally.

### **Unit 1 - Activities 4,5,6 and 7 satisfy the following Indiana academic standards:**

#### **Science**

8.2.7 Participate in group discussions on scientific topics by restating or summarizing accurately what other have said, asking for clarification or elaboration, and expressing alternative positions.

8.3.6 Understand and explain that the benefits of the Earth's resources, such as fresh water, air, soil, and trees, are finite and can be reduced by using them wastefully or by deliberately or accidentally destroying them.

8.3.7 Explain that the atmosphere and the oceans have a limited capacity to absorb wastes and recycle materials naturally.